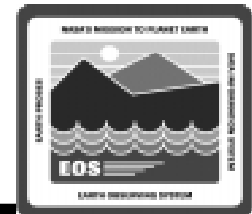


# V0 IMS: Order Form



Netscape: EOSDIS V0: Step 2: Order Form

File Edit View Go Bookmarks Options Directory Window Help

Location: http://hep.gsfc.nasa.gov/00/sas-bin/pch/hph-sas.cgi/v028565

**EOSDIS Version 0**

**Shipping Cart:**  
**Step 2: Order Form**

**Sign in**  
Logged in as guest

**Select criteria**  
Ready to search

**View search**  
Search completed

**View results**  
3 46/13 gb completed

**Order data**  
0 46/1 gb in cart

**Sign out**

**Order Options:**  
Approx. cost: US\$ 0.00  
Data centers: 028565

**NOTE:** Costs shown are the minimum estimated cost for your order. If cost information was unavailable for some of the products you requested (in the email column), or if there are per-unit shipping charges, the actual cost may be higher.

**NOTE:** Make sure if you want your shipping and/or billing addresses to be different than your contact address, click on the "Change Shipping/Billing Address" button.

**IMPORTANT:** If your order is going to ASF, all fields (both red and black lettering) must be filled out for a successful order. When this requirement changes, this notice will change as well.

**Your affiliation:**

Type:  Category:

**Your contact address:**

Title:  First name:  Initial:  Last name:

Organization:  Internet email address:

Address:

City:  State/province:  Zip/postal code:  Country:

Phone:  Fax:

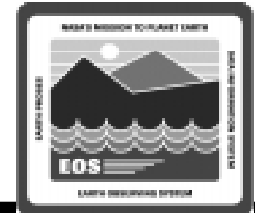
Shipping address: Same as contact address (above)

Billing address: Same as contact address (above)

[Help](#)  
[Comments](#)  
[Check Order Status](#)  
[User Preferences](#)  
[User Support](#)



# V0 IMS: Order Confirmation



NetScape: EOSDIS V0: Order Submitted!

File Edit View Go Bookmarks Options Directory Window Help

Location: <http://harp.gfc.nasa.gov/83/ims-bin/pub/rpb-sas.cgi?endform=1&w=321990&id=91631710042321622&acde=00DEF&schade=C>

**EOSDIS Version 0** **Shopping Cart: Order Submitted!**

**Sign in**  
Logged in as guest

**Select criteria**  
Ready to search

**View search**  
Search completed

**View results**  
1 of 16 gn completed

**Order data**  
0 of 1 gn in cart

**Sign out**

**1. Your tracking number**  
Your order has been submitted to the relevant data center, and a copy of the [shipping receipt](#) has been emailed to the account [yourname@eos.nasa.gov](mailto:yourname@eos.nasa.gov).  
The following tracking information is listed below: The Web Gateway's order tracking number and the DAAC(s) internal tracking number.

Tracking number:	916317100-21622-P1
Gateway host:	harp.gfc.nasa.gov

*You should save this information immediately, so that you can follow up on your order.*

**2. Initial responses to your order**  
After your request was submitted, I got back the following responses from the various data centers:

DAAC	STATUS	COMMENTS
GFC	Success	Successful query, query results returned.

*Anything other than a "Success" status for a given data center means that your order did not go through to that data center. Hopefully, the comments will indicate why. To see the full recommendation status screen, go [here](#).*

**3. Contact points**  
Again, you should save the "tracking numbers" immediately, so that you can follow up on your order. If you don't receive a response from the data centers within 2 working days, please follow up by contacting them directly. Any contact information I was able to obtain will be listed below.

**Contact name: User Services**  
**Organization: Goddard DAAC**  
**Address: NASA Goddard Space Flight Center**  
**Code: 900.2**  
**Goddard, MD 20771 USA**  
**Phone: 001-414-3234**  
**Fax: 001-414-5268**  
**Email: [gsf@eos.nasa.gov](mailto:gsf@eos.nasa.gov)**

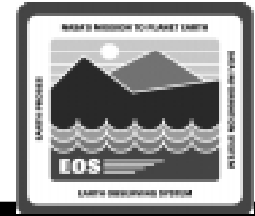
Gateway to EOSDIS Web Gateway version 2.1.1 / [Send us your comments](#)  
NASA/GSFC Web App Development: Don Williams, [donwill@gsfc.nasa.gov](mailto:donwill@gsfc.nasa.gov), [donwill@gsfc.nasa.gov](mailto:donwill@gsfc.nasa.gov)  
Full version of gateway is available.

**Help:**  
[Homepage](#)  
[Check Order Status](#)  
[User Preferences](#)  
[User Support](#)



# Update User Contact Log

---

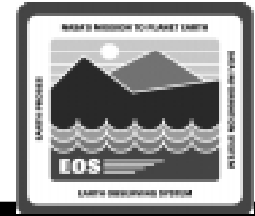


- Show progress or resolution of the contact
- User Contact Log remains open until the request is completed
- User Contact Log record can be modified several times before the request is completed
- For each modification, the log displays:
  - the operator that made the modification
  - the date and time of the modification



# Cancel an Order

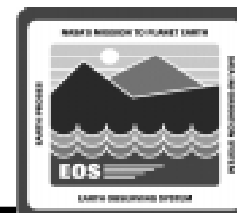
---



- **Create a User Contact Log record**
- **Validate the user**
- **ECS Order Tracking (New)**
- **Cancel Order (New)**
- **Update User Contact Log**



# ECS Order Tracking Screen



ECS Data Order Tracking

File Edit Help

Query by:

☒ User Name: Last Name:  First Name:

☐ Order ID:

☐ Request ID:

Filter by Status:

☒ Pending ☒ Transferring ☒ Shipped ☒ Terminated ☒ S

☒ Operator Intervention ☒ Not Found ☒ Aborted ☒ Prep for Distribution

☒ Staging ☒ Waiting for Shipment ☒ Canceled ☒ SDSRV Staging

Select All  
Deselect All

Order List

Order ID	Home DAAC	Order Date	Order Source	Status	Order Size	Description
20	ECS-EDC	04/13/98 19:36:00.000			122880	
19	ECS-EDC	04/13/98 19:15:00.000			139264	
18	ECS-EDC	04/10/98 19:15:00.000			122880	

Find

Request List

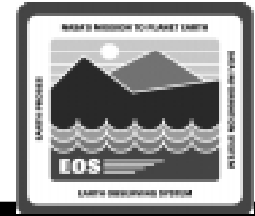
Order ID	Request ID	HOME DAAC	#Files	Size	Media	Format	Status	Ship Date
18	12	ECS-EDC	9	122880	FtpPull	FILEFORMAT	Shipped	04/10/98

Query Order  
Delete Order  
Update Order  
Shipping Information

Query Request  
Delete Request  
Update Request



# Order Tracking

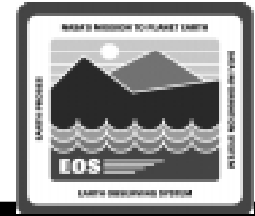


- **Order Tracking tool permits several query options**
  - User Name (multiple hits bring Verify User Selection)
  - Order ID (unique ID assigned when order is placed)
  - Request ID (for large orders, Data Server may partition the order and assign more than one Request ID)
- **Number of orders displayed can be reduced by use of status filters**
  - Pending
  - Operator Intervention
  - Staging
  - Transferring
  - Not found
  - Waiting for Shipment
  - Shipped
  - Aborted
  - Canceled
  - Terminated
- **Click on *Delete Order* button to cancel a highlighted order**



# ECS Subscriptions

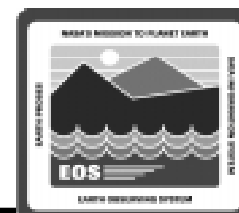
---



- **Register new events**
  - Stored in subscription server database
  - Made available through Advertisement Service
- **Accept subscriptions**
  - Accept new subscription requests that specify an action and an event to initiate the action
  - Accept subscription update requests
  - Validate subscription requests
- **Process subscriptions upon event notification**
  - Identify all subscriptions to the specified event
  - Process the actions defined in the subscriptions
    - E-mail notification
    - Direct program interface to other service providers



# Subscription Editor: Initial Screen



ECS Subscription Service

File Help

subscriptions events

Subscriptions

Current Filter... All

Subscription Information

Subscription ID	Event ID	Requester ID	Start Date	Expiration Date	Email address	Email Text	Qualifiers	Action
2	10	dps	08/10/98	08/10/99	dps@t1ins02u.ecs.nasa.gov	DAP_insert_TS1_4PL		
3	25	dps	08/11/98	08/11/99	dps	FTP PUSH for AST_08	y	
6	25	lpage	08/13/98	08/13/99	lpage	AST_08 insert in TS1	y	
13	72	SubsMgr	08/19/98	08/19/99		Subscription Notification:		
14	78	SubsMgr	08/19/98	08/19/99		Subscription Notification:		
15	37	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
16	69	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
17	72	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
18	78	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
19	37	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
20	69	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
21	72	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
22	78	SubsMgr	08/21/98	08/21/99		Subscription Notification:		
24	37	SubsMgr	08/27/98	08/27/99		Subscription Notification:		

Find

Refresh Subscriptions...

Filter Subscriptions...

Add Subscription...

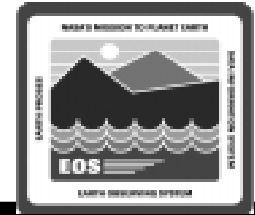
Edit Subscription...

Delete Subscription...

Delete Multiple Subscriptions...



# Subscriptions: Add Subscription



**Add/Edit Subscription**

Event ID:  [Browse Events](#)

Event Description:

User ID:  [user Profile](#)

Email Address:

Email Text:

Start Date:  /  /  [▲](#) [▼](#)

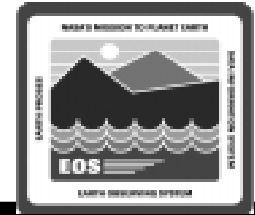
Expiration Date:  /  /  [▲](#) [▼](#)

[Actions](#) [Qualifiers](#)

[Submit](#) [Cancel](#)



# Subscriptions: Browse Events



Browse Events

Select Event from the following list:

Event Information

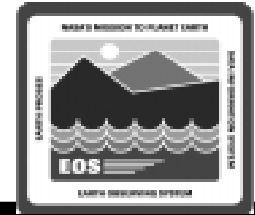
Event ID	Description	Name
2	A granule of AST_ANC type was deleted from the DataServer's holdings	AST_ANC.001:DELETE
3	A granule of AST_ANC type was added to the DataServer's holdings	AST_ANC.001:INSERT
4	The metadata for this granule (of type AST_ANC) has been modified	AST_ANC.001:UPDATEMETADATA
5	A granule of type PGEEEXE was added to the DataServer's holdings	PGEEEXE.001:INSERT
6	The metadata for a granule of type PGEEEXE has been modified	PGEEEXE.001:UPDATEMETADATA
7	A granule of FAILPGE type was deleted from the DataServer's holdings	FAILPGE.001:DELETE
8	A granule of FAILPGE type was added to the DataServer's holdings	FAILPGE.001:INSERT
9	The metadata for this granule (of type FAILPGE) has been modified	FAILPGE.001:UPDATEMETADATA
10	A granule of DAP type was added to the DataServer's holdings	DAP.001:INSERT
11	The metadata for this granule (of type DAP) has been modified	DAP.001:UPDATEMETADATA
12	A granule of SSAPC type was added to the DataServer's holdings	SSAPC.001:INSERT

Find

OK Cancel



# Subscriptions: Actions Screen



Actions

Acquire Information

☐ Ftp Push

☐ 8 MM tape

User Profile:

User Name:

User Password:

Verify Password:

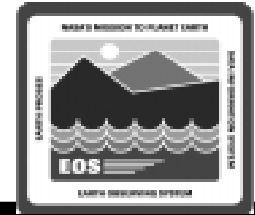
Host Name:

Destination:

OK Cancel



# Subscriptions: Qualifiers Screen



Qualifiers

Qualifier Information

Name	Operators	Value
TimeofDay		
CalendarDate		
GenerationDateandTime		
SceneCloudCoverage		
UpperLeftQuadCloudCoverage		
UpperRightQuadCloudCoverage		
LowerLeftQuadCloudCoverage		
LowerRightQuadCloudCoverage		
VNIR1_ObservationMode		
VNIR2_ObservationMode		
VNIR3_ObservationMode		

Find

Operators

Value

Add to the list

OK Cancel

Qualifiers

Qualifier Information

Name	Operators	Value
TimeofDay		
CalendarDate		
GenerationDateandTime		
SceneCloudCoverage	<	20%
UpperLeftQuadCloudCoverage		
UpperRightQuadCloudCoverage		
LowerLeftQuadCloudCoverage		
LowerRightQuadCloudCoverage		
VNIR1_ObservationMode		
VNIR2_ObservationMode		
VNIR3_ObservationMode		

Find

Operators

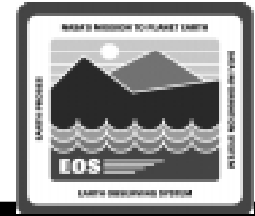
Value

Add to the list

OK Cancel



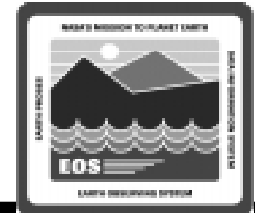
# Data Dictionary Maintenance



- V0 Requests to ECS are sent to ECS V0 Gateway
- ECS V0 Gateway reads the ECS Data Dictionary containing the terminology mapping information
- V0 client must have ECS Valid terminology for searchable attributes
  - source
  - sensor
  - geophysical parameter
  - data set name
  - data center ID
  - campaign
  - processing level
  - geographical coordinates
  - temporal intervals
- EOSDIS V0 IMS has a two-week valids update cycle
- Tool permits mapping (must be done when ESDT is loaded or reloaded) and export of valids



# Data Dictionary Maintenance Tool



Data Dictionary Maintenance Tool

File Selected Edit Help

Modify Data Import Valid File Map Attributes/ Keywords Export Valid File Create Multiple Collection Release Collection

1. Select Data Type

Data Type : Collection

Selection Criteria...

ECSAttributeName	Status
AM1ATTF	1
AM1ATTHF	1
AM1ATTNO	1
AM1ATTNF	1
AM1DIAG1	1
AM1DIAG2	1
AM1EPH0	1
AM1EPHNO	1
AM1Ephem	1
AM1GDTK	1
AM1HK	1
AM1HS	1
AM1OrNum	1
AM1ST	1
AP	1
ASF00001	1

Find

2. Edit Selected Data Type Instance

Edit... Delete Undo

3. Select Mappable Data Type

Data Type :

Selection Criteria...

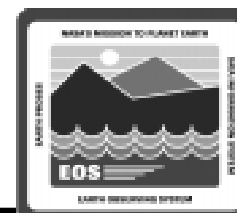
Find

4. Update Database

Update Cancel



# Data Dictionary Maintenance Tool (Cont.)



**Data Dictionary Maintenance Tool**

File Selected Edit Help

Modify Data Import Valids File Map Attributes/Keywords Export Valids File Create Multiple Collection Release Collection

ECS To Equivalent Mapping

1. ECS Attributes

Attribute
InstrumentCharacteristicName
InstrumentCharacteristicUnit
InstrumentCharacteristicValue
InstrumentGuidePointer
InstrumentLongName
InstrumentShortName
InstrumentTechnique
Internal Name
JournalArticleName

Find

3. Equivalent Attributes

Attribute
CAMPAIGN
DATASET_ID
DATA_CENTER_ID
DAY_NIGHT_FLAG
PARAMETER
PROCESSING_LEVEL
SENSOR_NAME
SOURCE_NAME

Find

2. ECS Keywords

Keyword
AMI-SAR
ASTER
AVHRR
CERES FM1
CERES FM2
CLAES
CZCS
ETM+
HRDI

Find

4. Equivalent Keywords

Keyword
RADARSAT-1 Standard Beam Images - Full Res
RADARSAT-1 Standard Beam Images - Low Res
RADARSAT-1 Standard Beam Images Left Looking - Full Res
RADARSAT-1 Standard Beam Images Left Looking - Low Res
RADIANCE
RADIATIVE FORCING
RAIN GAUGE
REFLECTANCE
Radar Backscatter

Find

Update

Cancel

Update All Collections

Release Collection

Attributes

Attribute	Status	State
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done
...	Mapped	Pending
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done

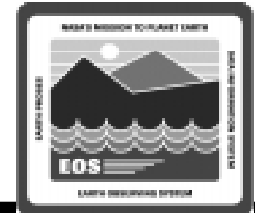
Keywords

Keyword	Status	State
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done
...	Mapped	Pending
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done
...	Not Mapped	Done

Cancel



# Data Dictionary Maintenance Tool (Cont.)



Data Dictionary Maintenance Tool

File Selected Edit Help

Modify Data Import Validates File Map Attributes/ Keywords Export Validates File Create Multiple Collection Release Collection

1. Get list of collections Selection Criteria...

2. Select collections to export

Collections

Short Name	Version Id	Status
AM1ATTF	1	
AM1ATTHF	1	
AM1ATTNO	1	
AM1ATTNF	1	
AM1DIAG1	1	
AM1DIAG2	1	
AM1EPH10	1	
AM1EPH10	1	
AM1Ephem	1	
AM1GDTik	1	
AM1HK	1	
AM1HS	1	
AM1OrNum	1	
AM1ST	1	
AP	1	
ASF00001	1	
ASF00002	1	
acronyms	1	

Find

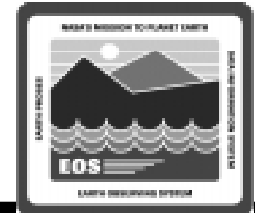
3. Export collections to file

File name for export : or Browse...

Save Cancel



# Data Dictionary Maintenance Tool (Cont.)



Data Dictionary Maintenance Tool

File Selected Edit Help

Modify Data Import Valids File Map Attributes/Keywords Export Valids File Create Multiple Collection Release Collection

1. Load Valids File. File Name:  or

2. Check File Syntax.

Checking valids file /usr/dict/words-  
Error: syntax error at 10th, line 1  
1. Fatal Error 1, line 1:  
Problem: No valid items in file  
Possible cause: Wrong file type  
You must fix this problem before proceeding.

1 problems: 0 warnings, 0 errors, 1 fatal errors  
It is definitely NOT safe to ingest the file.  
The ingest option will be disabled.  
Get the file fixed and try again later.  
Remember, the file should be returned to its source to be fixed, rather than edited locally.

2. Warning 1, line 1607:  
Problem: Missing =  
Possible cause: '=' omitted  
This problem can probably be ignored.

1. Warning 2, line 3584:

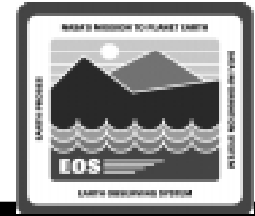
3. Save Syntax Errors. File Name:  or

4. Available Collections.

5. Update Database.



# Cross-DAAC Referral

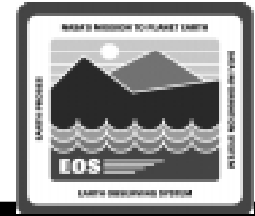


- **Referral to another DAAC**
  - **User Contact Log record – document the request**
  - **User Profile – verify user registration**
  - **Data Search and Order tool – locate the requested data**
  - **Forward original request to the other DAAC**
  - **Add explanatory information**
  - **Attach preliminary search as a desktop object**
  - **Attach original Contact Log Id record**
  - **Send the requester E-mail explaining that the request for help has been forwarded**



# Cross-DAAC Referral (Cont.)

---

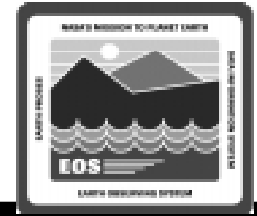


- **Receive referral from another DAAC**
  - **User Contact Log record – document receipt of the referral**
  - **User Profile – verify for yourself that the requester is a registered user**
  - **Data Search and Order tool – locate the requested data**
  - **Review the E-mail – verify that the search is complete or add search parameters, contacting the user if more information is necessary**
  - **Submit the order**
  - **Update User Contact Log record – indicate completion of order; close the record**



# Cross-DAAC Tracking

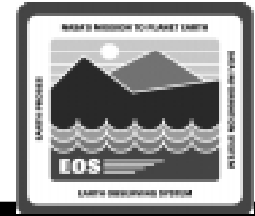
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- **Tracking to another DAAC**
  - **User Contact Log record:** document the request
  - **User Profile:** verify that the requester is a registered user
  - **Query User Contract Log:** search for closed record concerning user request



# Cross-DAAC Tracking (Cont.)

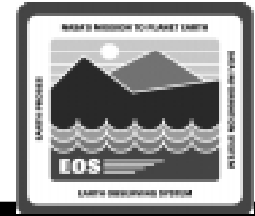


- **Responding to tracking request from another DAAC**
  - **User Contact Log record – update record to document current status check**
  - **User Profile – verify that requester is still registered**
  - **ECS Order Tracking tool – check on status of user's data request**
  - **Telephone or E-mail to the user – provide status of data request**
  - **Telephone or E-mail to the original DAAC – permit closing of User Contact Log record there**
  - **User Contact Log record – update record to document that status was provided**



# Objectives and Importance

---

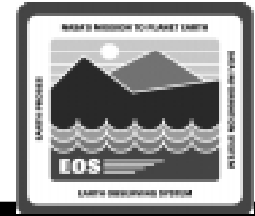


- **Overall: Proficiency in providing support to ECS users of the Data Acquisition Request (DAR) tool**
  - Describe the DAR tool and its purpose
  - Create and submit a DAR, including instrument settings, data quality, transmission, viewing geometry, spatial requirements, and temporal requirements
  - Create and submit a query to the XAR Database
- **Lesson topic helps prepare EDC User Services representatives to assist users in application of the DAR tool for preparing ASTER Data Acquisition Requests**



# Data Acquisition Requests

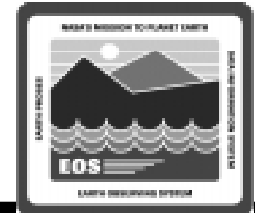
---



- **DAR: a user request submitted through the ECS Client to schedule data acquisition by the Advanced Spaceborne Thermal Emission and Reflection (ASTER) Radiometer**
  - submitted to the ASTER Ground Data System (GDS) in Japan
  - the GDS controls scheduling of the ASTER instrument
  - collected data are provided as level 1A and level 1B data to the EROS Data Center (EDC)



# DAR Initial Screen



DAR Tool

File Edit View Options Help

Summary Create/Edit Request Modify Request

Project Folders:

Current Project

TestDAR050598\_1

DARTest\_MD\_05061998

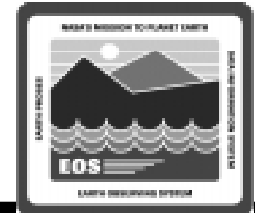
Parameters:

Copy parameters from highlighted xAR file

Copy Parameters



# DAR Create/Edit Request Screen



DAR Tool

File Edit View Options

Help

Summary

Create/Edit Request

Modify Request

xAR Title:

Investigation Class:  ▼

Scientific Objective:

Maximum Cloud Coverage (%):

Lighting Requirements:

Telescope Selection:  Show Gain Settings: ☒ Yes ☐ No

**Gain Settings:**

Visible and Near Infrared (VNIR):

Band 1 0.53-0.60 μm	<input type="text" value=" High"/>
Band 2 0.63-0.69 μm	<input type="text" value=" High"/>
Band 3 0.76-0.8 μm	<input type="text" value=" High"/>

Short Wave Infrared (SWIR):

Band 4 1.600-1.700 μm	<input type="text" value=" High"/>
Band 5 2.145-2.185 μm	<input type="text" value=" High"/>
Band 6 2.185-2.225 μm	<input type="text" value=" High"/>

Band 7 2.235-2.285 μm	<input type="text" value=" High"/>
Band 8 2.295-2.365 μm	<input type="text" value=" High"/>
Band 9 2.360-2.430 μm	<input type="text" value=" High"/>

**Basic Features (Required):**

☐ xAR Information

☐ Spatial Requirements

☐ Temporal Requirements

**Advanced Features (Optional):**

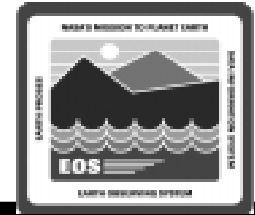
☐ Advanced Viewing Geometry

☐ Special Requests

**Resource Estimate:**



# DAR Spatial Requirements Screen: Pan & Zoom



Spatial Requirements

Area of Interest and Map Display

Pan & Zoom | Map Display Controls | Coverage Details

Panner Control:

Latitude: 0

Longitude: 0

Zoom Control:

0

<<< Zoom In Zoom Out >>>

Zoom Around:

Latitude: 0 : 0 : 0

(degrees) (mins) (secs)

Longitude: 0 : 0 : 0

Area of Interest Polygon Selection: Create AOI Cancel

Add a Point:

Latitude: 0 : 0 : 0

(degrees) (mins) (secs)

Longitude: 0 : 0 : 0

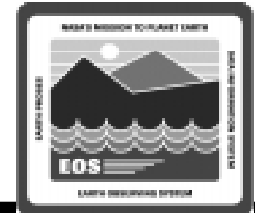
Add Point Accept Changes Ignore Changes

Modify Point Delete Point

Apply Dismiss Clear Help



# DAR Temporal Requirements Screen



TEMPORAL REQUIREMENTS

Time Increment:   

Year(s)

beginning  /  /   

mm / dd / yyyy

Start Date  
10/17/97

End Date  
10/17/98

XAR Lifetime

Repeat Interval

Acquisition Window

Nov   Dec   Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct

Set: ☒ XAR Lifetime  
(Highly Recommended)

☒ Specific Observation  
Time

xAR Lifetime:

Begin  /  /

End  /  /

mm / dd / yyyy

Repeat Interval:  :

(days) (hours)

---

Acquisition Window:  :

(days) (hours)

Start Date:

End Date:

Apply

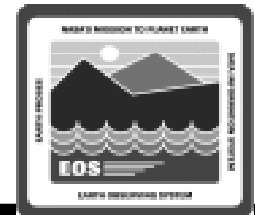
Dismiss

Clear

Help



# DAR Advanced Viewing Geometry Screen



**Advanced Viewing Geometry**

Use Specified Look Angle: ☒ Yes ☐ No

Specified Look Angle  
(in degrees, +/- relative to nadir):

---

Use Specific View Swath: ☒ Yes ☐ No

Specific View Swath ID (1 to 40):

---

Acceptable Sun Angle Range:

Minimum Angle (in degrees):    Maximum Angle (in degrees):

---

Acceptable Look Angle Range:

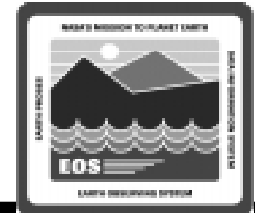
"+" = Satellite Right  
"-" = Satellite Left

Minimum Angle (0 to +/- 8.55):    Maximum Angle (0 to +/- 8.55):

---



# DAR Special Requests Screen



Special Requests

Ground Campaign: ☐ Yes ☐ No

Implementation Urgency: ☐ Normal ☐ Urgent

Requester Comments:

Request for Expedited Data: ☐ Yes ☐ No

Justification for Expedited Data:

Request for Direct Downlink: ☐ Yes ☐ No

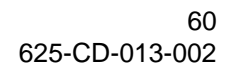
Justification for Direct Downlink:

Apply

Dismiss

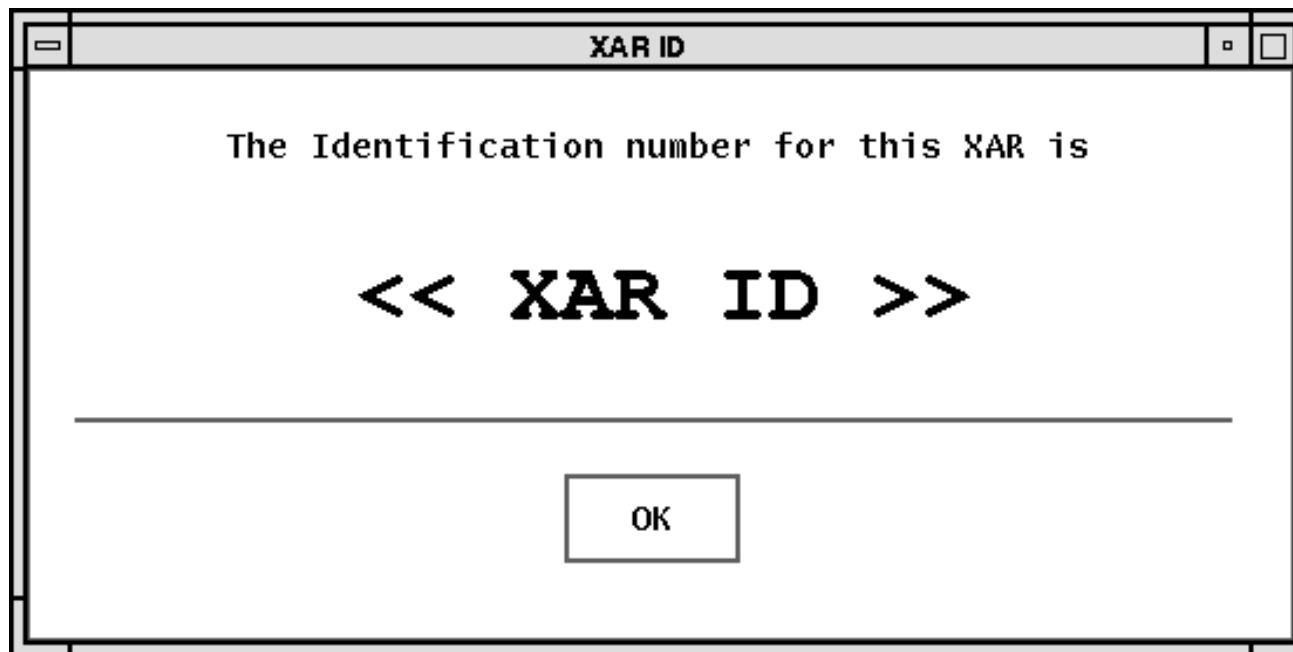
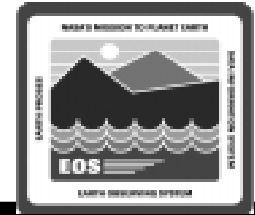
Help







# DAR ID Dialog





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625-CD-013-002